

-1449		Application No.		Applicant(s) Joseph A. Zupanick			
		Docket Number 067083.0301		Group Art Unit		Filing Date February 11, 2004	
Information Disclosure Citation in an Application							
U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	54,144	04/24/1866	Hamar	N/A	N/A	
	B	274,740	03/27/1883	Douglass	N/A	N/A	12/02/1892
	C	526,708	10/02/1894	Horton	N/A	N/A	09/01/1893
	D	639,036	12/12/1899	Heald	N/A	N/A	08/21/1899
	E	1,189,560	07/04/1916	Gondos	N/A	N/A	10/21/1914
	F	1,285,347	11/19/1918	Otto	N/A	N/A	02/09/1918
	G	1,467,480	09/11/1923	Hogue	N/A	N/A	12/19/1921
	H	1,485,615	03/04/1924	Jones	N/A	N/A	12/08/1920
	I	1,520,737	12/30/1924	Wright	N/A	N/A	04/26/1924
	J	1,674,392	06/19/1928	Flansburg	N/A	N/A	08/06/1927
	K	1,777,961	10/07/1930	Capeliuschnicoff	N/A	N/A	04/04/1927
	L	2,018,285	10/22/1935	Schweitzer et al.	166	21	11/27/1934
	M	2,069,482	02/02/1937	Seay	255	76	04/18/1935
	N	2,150,228	03/14/1939	Lamb	166	10	08/31/1936
	O	2,169,718	08/15/1939	Boll et al.	255	24	04/01/1937
	P	2,335,085	11/23/1943	Roberts	251	197	03/18/1947
	Q	2,450,223	09/28/1948	Barbour	255	76	11/25/1944
	R	2,490,350	12/06/1949	Grable	166	4	12/15/1943
	S	2,679,903	06/01/1954	McGowen, Jr. et al.	166	1	11/23/1949
	T	2,726,063	12/06/1955	Ragland et al.	255	1.8	05/10/1952
	U	2,726,847	03/31/1952	McCune et al.	255	1.6	03/31/1952
	V	2,783,018	02/26/1957	Lytle	251	25	02/11/1955
	W	2,847,189	08/12/1958	Shook	255	76	01/08/1953
	X	2,911,008	11/03/1959	Du Bois	137	625.31	04/09/1956
	Y	2,980,142	04/18/1961	Turak	137	637.3	09/08/1958
	Z	3,208,537	09/28/1965	Scarborough	175	53	12/08/1960
	AA	3,347,595	10/17/1967	Dahms et al.	299	4	05/03/1965
	BB	3,443,648	05/13/1969	Howard	175	103	09/13/1967
EXAMINER <i>[Signature]</i>				DATE CONSIDERED 7/15/04			
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U.S. Patent and Trademark Office							

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U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<input checked="" type="checkbox"/>	A.	3,473,571	10/21/1969	Dugay	137	625.4	12/27/1967
<input checked="" type="checkbox"/>	B.	3,503,377	03/31/1970	Beatenbough et al.	123	117	07/30/1968
<input checked="" type="checkbox"/>	C.	3,528,516	09/15/1970	Brown	175	267	08/21/1968
<input checked="" type="checkbox"/>	D.	3,530,675	09/29/1970	Turzillo	61	35	08/26/1968
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<input checked="" type="checkbox"/>	F.	3,692,041	09/19/1972	Bondi	137	238	01/04/1971
<input checked="" type="checkbox"/>	G.	3,757,876	09/11/1973	Pereau	175	267	09/01/1971
<input checked="" type="checkbox"/>	H.	3,757,877	09/11/1973	Leathers	175	269	12/30/1971
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<input checked="" type="checkbox"/>	K.	3,825,081	07/23/1974	McMahon	175	73	03/08/1973
<input checked="" type="checkbox"/>	L.	3,828,867	08/13/1974	Elwood	175	45	05/15/1972
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<input checked="" type="checkbox"/>	R.	3,957,082	05/18/1976	Fuson et al.	137	625.41	09/26/1974
<input checked="" type="checkbox"/>	S.	3,961,824	06/08/1976	Van Eek et al.	299	17	10/21/1974
<input checked="" type="checkbox"/>	T.	4,011,890	03/15/1977	Andersson	137	625.4	11/04/1975
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<input checked="" type="checkbox"/>	BB.	4,169,510	10/02/1979	Meigs	175	65	08/16/1977

EXAMINER <i>Joseph A. Zupanick</i>	DATE CONSIDERED 7/15/04
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U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<input checked="" type="checkbox"/>	A.	4,189,184	02/19/1980	Green	299	8	10/13/1978
<input checked="" type="checkbox"/>	B.	4,220,203	09/02/1980	Steeman	166	271	12/06/1978
<input checked="" type="checkbox"/>	C.	4,221,433	09/09/1980	Jacoby	299	4	07/20/1978
<input checked="" type="checkbox"/>	D.	4,224,989	09/30/1980	Blount	166	250	10/30/1978
<input checked="" type="checkbox"/>	E.	4,257,650	03/24/1981	Allen	299	2	09/07/1978
<input checked="" type="checkbox"/>	F.	4,278,137	07/14/1981	Van Eek, deceased	175	267	06/18/1979
<input checked="" type="checkbox"/>	G.	4,283,088	08/11/1981	Tabakov et al.	299	2	05/14/1979
<input checked="" type="checkbox"/>	H.	4,296,785	10/27/1981	Vitello et al.	141	105	07/09/1979
<input checked="" type="checkbox"/>	I.	4,299,295	11/10/1981	Gossard	175	45	02/08/1980
<input checked="" type="checkbox"/>	J.	4,303,127	12/01/1981	Freel et al.	166	266	02/11/1980
<input checked="" type="checkbox"/>	K.	4,305,464	12/15/1981	Masszi	166	370	03/07/1980
<input checked="" type="checkbox"/>	L.	4,312,377	01/26/1982	Knecht	137	625.19	08/29/1979
<input checked="" type="checkbox"/>	M.	4,317,492	03/02/1982	Summers et al.	175	79	02/26/1980
<input checked="" type="checkbox"/>	N.	4,328,577	05/04/1982	Abbott et al.	370	84	06/03/1980
<input checked="" type="checkbox"/>	O.	4,366,988	01/04/1983	Bodine	299	14	04/07/1980
<input checked="" type="checkbox"/>	P.	4,372,398	02/08/1983	Kuckes	175	45	11/04/1980
<input checked="" type="checkbox"/>	Q.	4,386,665	06/07/1983	Dellinger	175	61	10/27/1981
<input checked="" type="checkbox"/>	R.	4,390,067	06/28/1983	Willman	166	245	04/06/1981
<input checked="" type="checkbox"/>	S.	4,396,076	08/02/1983	Inoue	175	265	04/27/1981
<input checked="" type="checkbox"/>	T.	4,397,360	08/09/1983	Schmidt	175	61	07/06/1981
<input checked="" type="checkbox"/>	U.	4,401,171	08/30/1983	Fuchs	175	267	12/10/1981
<input checked="" type="checkbox"/>	V.	4,407,376	10/04/1983	Inoue	175	267	06/26/1981
<input checked="" type="checkbox"/>	W.	4,437,706	03/20/1984	Johnson	299	7	08/30/1981
<input checked="" type="checkbox"/>	X.	4,442,896	04/17/1984	Reale et al.	166	278	07/21/1982
<input checked="" type="checkbox"/>	Y.	4,494,616	01/22/1985	McKee	175	67	07/18/1983
<input checked="" type="checkbox"/>	Z.	4,512,422	04/23/1985	Knisley	175	99	06/28/1983
<input checked="" type="checkbox"/>	AA.	4,519,463	05/28/1985	Schuh	175	61	03/19/1984
<input checked="" type="checkbox"/>	BB.	4,527,639	07/09/1985	Dickinson, III et al.	175	61	03/02/1983
<input checked="" type="checkbox"/>	CC.	4,532,986	08/06/1985	Mims et al.	166	50	05/05/1983
EXAMINER <i>Gene A. Day</i>				DATE CONSIDERED <i>2/15/04</i>			
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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>AA</i>	A.	4,544,037	10/01/1985	Terry	166	369	02/21/1984
	B.	4,558,744	12/17/1985	Gibb	166	335	09/13/1983
	C.	4,565,252	01/21/1986	Campbell et al.	175	269	03/08/1984
	D.	4,573,541	03/04/1986	Josse et al.	175	78	08/09/1984
	E.	4,599,172	07/08/1986	Gardes	210	314	12/24/1984
	F.	4,600,061	07/15/1986	Richards	175	62	06/08/1984
	G.	4,605,076	08/12/1986	Goodhart	175	61	08/03/1984
	H.	4,611,855	09/16/1986	Richards	299	2	05/11/1984
	I.	4,618,009	10/21/1986	Carter et al.	175	267	08/08/1984
	J.	4,638,949	01/27/1987	Mancel	239	307	04/26/1984
	K.	4,646,836	03/03/1987	Goodhart	166	303	12/20/1984
	L.	4,674,579	06/23/1987	Geller et al.	175	45	03/07/1985
	M.	4,702,314	10/27/1987	Huang et al.	166	245	03/03/1986
	N.	4,705,431	11/10/1987	Gadelle et al.	405	267	12/20/1984
	O.	4,715,440	12/29/1987	Boxell et al.	166	100	07/14/1986
	P.	4,754,819	07/05/1988	Dellinger	175	61	03/11/1987
	Q.	4,756,367	07/12/1988	Puri et al.	166	263	04/28/1987
	R.	4,763,734	08/16/1988	Dickinson et al.	175	61	12/23/1985
	S.	4,773,488	09/27/1988	Bell et al.	175	61	08/08/1984
	T.	4,830,105	05/16/1989	Petermann	166	241	02/08/1988
	U.	4,836,611	06/06/1989	El-Saie	299	7	05/09/1988
	V.	4,842,081	06/27/1989	Parant	175	23	05/18/1988
	W.	4,844,182	07/04/1989	Tolle	175	215	06/07/1988
	X.	4,852,666	08/01/1989	Brunet et al.	175	61	04/07/1988
	Y.	4,883,122	11/28/1989	Puri et al.	166	248	08/22/1990
	Z.	4,978,172	12/18/1990	Schwoebel et al.	299	12	10/26/1989
<i>AA</i>	AA.	5,016,710	05/21/1991	Renard et al.	166	245	06/26/1987

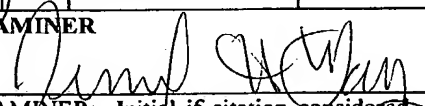
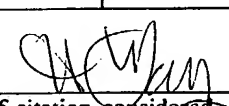
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	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A.	5,035,605	07/30/1991	Dinerman et al.	481	018	02/16/1990
B.	5,036,921	08/06/1991	Pittard et al.	166	298	06/28/1990
C.	5,074,360	12/24/1991	Guinn	166	281	07/10/1990
D.	5,074,365	12/24/1991	Kuckes	175	40	09/14/1990
E.	5,074,366	12/24/1991	Karlsson et al.	175	76	12/24/1991
F.	5,082,054	01/21/1992	Kiamanesh	166	248	08/22/1990
G.	5,111,893	05/12/1992	Kvello-Aune	175	258	12/24/1990
H.	5,135,058	08/04/1992	Millgard et al.	175	71	04/26/1990
I.	5,148,875	09/22/1992	Karlsson et al.	175	62	09/24/1991
J.	5,165,491	11/24/1992	Wilson	175	62	04/29/1991
K.	5,168,942	12/08/1992	Wydrinski	175	50	10/21/1991
L.	5,174,374	12/29/1992	Hailey	166	55.8	10/17/1991
M.	5,193,620	03/16/1993	Braddick	166	382	08/05/1991
N.	5,194,859	03/16/1993	Warren	340	853.4	02/08/1991
O.	5,197,553	03/30/1993	Leturno	175	57	08/14/1991
P.	5,197,783	03/30/1993	Theimer et al.	299	17	04/29/1991
Q.	5,199,496	04/06/1993	Redus et al.	166	366	10/18/1991
R.	5,201,817	04/13/1993	Hailey	175	269	12/27/1991
S.	5,217,076	06/08/1993	Masek	166	303	09/27/1991
T.	5,240,350	08/31/1993	Yamaguchi et al.	405	143	11/07/1991
U.	5,242,017	09/07/1993	Hailey	166	55.8	12/27/1991
V.	5,242,025	09/07/1993	Neill et al.	175	26	06/30/1992
W.	5,246,273	09/21/1993	Rosar	299	4	05/13/1991
X.	5,255,741	10/26/1993	Alexander	166	278	12/11/1991
Y.	5,271,472	12/21/1993	Leturno	175	107	10/14/1992
Z.	5,301,760	04/12/1994	Graham	175	61	09/10/1992
AA.	5,363,927	11/15/1994	Frank	175	67	09/27/1993
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<input checked="" type="checkbox"/>	A.	5,385,205	01/31/1995	Hailey	166	55.8	10/04/1993
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<input checked="" type="checkbox"/>	X.	5,613,242	03/18/1997	Oddo	588	17	12/06/1994
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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	A	5,720,356	02/24/1998	Gardes	175	62	02/01/1996
	B	5,727,629	03/17/1998	Blizzard, Jr. et al.	166	298	01/24/1996
	C	5,735,350	04/07/1998	Longbottom et al.	166	313	10/15/1996
	D	5,771,976	06/30/1998	Talley	166	370	07/19/1996
	E	5,785,133	07/28/1998	Murray et al.	175	61	08/29/1995
	F	5,832,958	11/10/1998	Cheng	137	625.41	09/04/1997
	G	5,853,054	12/29/1998	McGarian et al.	175	267	07/22/1997
	H	5,853,056	12/29/1998	Landers	175	424	04/01/1996
	I	5,853,224	12/19/1998	Riese	299	13	01/21/1997
	J	5,863,283	01/26/1999	Gardes	588	250	02/10/1997
	K	5,868,202	02/09/1999	Hsu	166	256	09/22/1997
	L	5,868,210	02/09/1999	Johnson et al.	175	40	05/01/1996
	M	5,879,057	03/09/1999	Schwoebel et al.	299	17	11/12/1996
	N	5,884,704	03/23/1999	Longbottom et al.	16	313	08/20/1997
	O	5,917,325	06/29/1999	Smith	324	326	08/25/1997
	P	5,934,390	08/10/1999	Uthe	175	67	12/23/1997
	Q	5,938,004	08/17/1999	Roberts et al.	198	1812	02/14/1997
	R	5,941,308	08/24/1999	Malone et al.	166	313	12/18/1996
	S	5,957,539	09/28/1999	Durup et al.	299	4	07/17/1997
	T	5,971,074	10/26/1999	Longbottom et al.	166	313	07/01/1998
	U	6,012,520	01/11/2000	Yu et al.	166	245	01/04/1999
	V	6,015,012	01/18/2000	Reddick	166	313	08/29/1997
	W	6,024,171	02/15/2000	Montgomery et al.	166	308	03/12/1998
	X	6,050,335	04/18/2000	Parsons	166	272.3	10/26/1998
	Y	6,056,059	05/02/2000	Ohmer	166	313	07/24/1997
	Z	6,065,550	05/23/2000	Gardes	175	62	02/19/1998
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	CC	6,209,636	04/03/2001	Roberts et al.	166	117.6	03/07/1999
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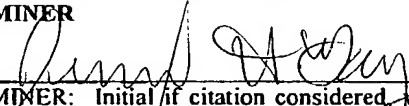
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	J.	6,497,556	12/24/2002	Zupanick	417	85	04/24/2001
	K.	6,561,288	05/13/2003	Zupanick	175	69	06/20/2001
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	M.	6,571,888	06/03/2003	Comeau	175	61	05/14/2001
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	O.	6,577,129	06/10/2003	Thompson	324	338	01/19/2002
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	R.	6,591,903	07/15/2003	Ingle	166	50	12/06/2001
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	Q.	2002/0108746	08/15/2002	Zupanick et al.			
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	T.	2003/0062198	04/03/2003	Gardes	175	61	09/30/2002
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<input checked="" type="checkbox"/>	A. 94/21889	09/29/1994	WO	E21B	43/24	X
<input checked="" type="checkbox"/>	B. 0 875 661 A1	11/04/1998	EP	E21B	43/30	X
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EXAMINER <i>Jerry H. Day</i>				DATE CONSIDERED <i>7/15/04</i>		
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<input checked="" type="checkbox"/>	A.	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed November 5, 2003 (8 pages) re International Application No. PCT/US 03/21627				Filed 07/11/2003
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<input checked="" type="checkbox"/>	E.	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed February 4, 2004 (8 pages) re International Application No. PCT/US 03/26124				Filed 09/09/2003
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